

# Notice of Allowability

Application No.

09/804,346

Examiner

Michael J. Yigdoll

Applicant(s)

CHUPA ET AL.

Art Unit

2192

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Applicant's submission filed on October 29, 2007.
2. ☒ The allowed claim(s) is/are 1-22.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All b) ☐ Some\* c) ☐ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

## Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date 20071109.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_.

TUAN DAM

SUPERVISORY PATENT EXAMINER

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**DETAILED ACTION**

1. This Office action is responsive to Applicant's submission filed on October 29, 2007.

Claims 1-22 are pending.

***Response to Amendment***

2. The rejections of claims 1-22 under 35 U.S.C. 103(a) are withdrawn in view of Applicant's amendment.

*Examiner's Amendment*

3. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to Applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Hunter E. Webb (Reg. No. 54,593) on November 8, 2007.

4. Independent claims 1 and 15 are amended, as presented below, to overcome the rejection of claims 1-5 and 15-17 under 35 U.S.C. 101 as set forth in the last Office action.

IN THE CLAIMS

Please amend claims 1 and 15 as follows:

1. (Currently Amended) A computer system for generating source code, said computer system comprising:

a processor; and

a memory, the memory including:

a user amendable generator dictionary having a plurality of entries for associating a generator routine with a generator identity, said generator identity identifying a code generator and said generator dictionary comprising at least one logical generator and at least one physical code generator, wherein each of the at least one physical code generator is independent from each other of the at least one physical code generator,

wherein all of the physical code generators generate physical code corresponding to one of a plurality of performed operations of an application adapted for an identical target environment, wherein a plurality of physical code generators is necessary to process a common application, wherein each physical code generator independently processes a separate portion of the application and wherein said generator dictionary is adapted to be amended by the user to remove at least one code generator and to replace the at least one code generator with a replacement code generator; and

a code generation framework tool wherein said code generation framework tool, responsive to a request for an invocation of said generator routine, invokes said code generator identified by said generator identity associated with said generator routine;

wherein the at least one logical generator calls the at least one physical code generator to generate source code.

15. (Currently Amended) A code generation framework tool comprising:

a processor; and

a memory, the memory including:

a receiver for receiving input data;

a user amendable generator dictionary accessor for retrieving data from a generator dictionary comprising at least one logical generator and at least one physical code generator that is independent from each other of the at least one physical code generator; and

an invoking mechanism for calling a code generator;

wherein, responsive to a receipt of input data at said receiver, said invoking mechanism calls a code generator identified by identity data retrieved by said generator dictionary accessor from a generator dictionary, the identified code generator corresponding to one of a plurality of performed operations of the input data, wherein a plurality of physical code generators is necessary to process a common application, and wherein each physical code generator independently processes a separate portion of the application, and

wherein the generator dictionary is adapted to be amended by the user to remove the code generator and replace the code generator with a replacement code generator.

*Allowable Subject Matter*

5. Claims 1-22 are allowed.
6. The following is an examiner's statement of reasons for allowance:

The prior art of record does not teach or reasonably suggest, in the manner and combinations recited in independent claims 1, 6, 11, 14, 15 and 18, generating source code for an application, wherein a plurality of physical code generators is necessary to process a common application, and wherein each physical code generator independently processes a separate portion of the application.

7. Any comments considered necessary by Applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

*Conclusion*

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Michael J. Yigdall whose telephone number is (571) 272-3707. The examiner can normally be reached on Monday through Friday from 7:30am to 4:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tuan Q. Dam can be reached on (571) 272-3695. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.


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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

MY

Michael J. Yigdall  
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